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BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN  
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12400 WILSHIRE BOULEVARD, 7TH FLOOR  
LOS ANGELES, CA 90025

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03594 PD23X  
IBM, Storage S/S.  
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ASSIGNOR:

BEACH, ROBERT S.

DOC DATE: 07/11/2001

ASSIGNEE:

INTERNATIONAL BUSINESS MACHINES  
CORPORATION  
NEW ORCHARD ROAD  
ARMONK, NEW YORK 10504

SERIAL NUMBER: 09827278  
PATENT NUMBER:

FILING DATE: 04/04/2001  
ISSUE DATE:

LAZENA MARTIN, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

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Robert S. Beach

Additional name(s) of conveying party(ies) attached?

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2. Name and address of receiving party(ies):

Name: International Business Machines  
Corporation

Internal Address: \_\_\_\_\_

Street Address: New Orchard RoadCity: Armonk State/Province: New York Zip: 10504Country: U.S.A.Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application Number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

09/827,278

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

WLD 7/16/01

5. Name and address of party to whom correspondence concerning document should be mailed:

Robert B. O'Rourke

Name: Blakely, Sokoloff, Taylor & Zafman LLP

Internal Address: \_\_\_\_\_

Street Address: 12400 Wilshire Boulevard, 7<sup>th</sup> FloorCity: Los Angeles State: California Zip: 900256. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41).....\$40.00

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Atty Docket No.03594P023X

07/20/2001 GTON11 00000024 09827278

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INVENTOR  
AND CITY

Whereas, I

(1) Robert S. Beach of Los Gatos  
County of Santa Clara and State of California

have invented certain improvements in

TITLE

**SPIN VALVE SENSOR WITH AN ANTIFERROMAGNETIC LAYER BETWEEN TWO PINNED LAYERS**

DATE THAT  
INVENTOR  
SIGNED THE  
DECLARATION

and executed, respectively, a United States patent application therefor on

(1) 7-11-01.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed

CITY

(1) at San Jose, California

DATE

on 7-11-01.

INVENTOR  
SIGNATURE

  
Robert S. Beach

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 on July 12, 2001

Date of Deposit

Janece Shannon  
Name of Person Mailing Correspondence

Janece Shannon  
Signature

7-12-01  
Date

Serial/Patent No.: 09/827,278 Filing/Issue Date: April 4, 2001  
Client: IBM, Storage Systems Division  
Title: SPIN VALVE SENSOR WITH AN ANTIFERROMAGNETIC LAYER BETWEEN TWO PINNED LAYERS  
BSTZ File No.: 03594P023X Atty/Secty Initials: JPW/ROR/js  
Date Mailed: July 12, 2001 Docket Due Date: \*\*\*

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